

JOB PERFORMANCE MEASURE (JPM)

TASK CODE: CB0-018

TASK: Calibrate a portable alpha CAM

TRAINEE: _____

SSN: _____

REFERENCES:

- 1- WP12-HP1225, Continuous Air Monitor Calibration

TERMINAL OBJECTIVE: Given that a portable alpha CAM requires calibration, calibrate the CAM IAW WP12-HP1225

CONSEQUENCES OF INADEQUATE PERFORMANCE (ABNORMAL CONDITIONS):

- 1- Improper CAM results

HAZARDS (PERSONNEL/EQUIPMENT SAFETY):

- 1- Electrical hazard

PRE-REQUISITE TRAINING / TASK COMPLETION:

- 1- CL 1.01 through CL 1.09, CL 1.13
- 2- CL 2.06, CL 2.08, CL 2.18
- 3- CF0-102-JP, Perform a functional test on a portable alpha CAM
- 4- CF0-156-JP, Control a radioactive source
- 5- CF0-173-JP, Operate a portable alpha CAM
- 6- ELC103, Electrical safety
- 7- MED101, First aid / CPR

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

- | | |
|---------------------------|------------------------------|
| 1- Portable alpha CAM | 4- DVM |
| 2- Procedure WP12-HP1225 | 5- Pu-239 calibration source |
| 3- Calibration data sheet | 6- Computer terminal |

Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by trainee. You are encouraged to ask relevant questions to verify trainee understanding. If a trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's certification card.

KNOWLEDGE REQUIREMENTS:

Ref.	Knowledge requirement	P/F
1	State the frequency of calibration for a portable alpha CAM	
1	State your actions if the portable alpha CAM fails the calibration	

PERFORMANCE REQUIREMENTS:

Ref.	CRITICAL STEPS	P/F
1	Determine the Radium "C" channel	
1	Determine the peak plutonium channel	
1	Connect the flow calibrator to CAM	
1	Connect the computer terminal to the CAM	
1	Load the default and WIPP parameters into the Alpha 6/6A	
1	Complete the CAM calibration data sheet	

FINAL EVALUATION:

PASS

FAIL

COMMENTS:

EVALUATOR SIGNATURE:

DATE:

STUDENT SIGNATURE:

DATE:

MANAGER SIGNATURE:

DATE:

